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PATENT ABSTRACTS OF JAPAN

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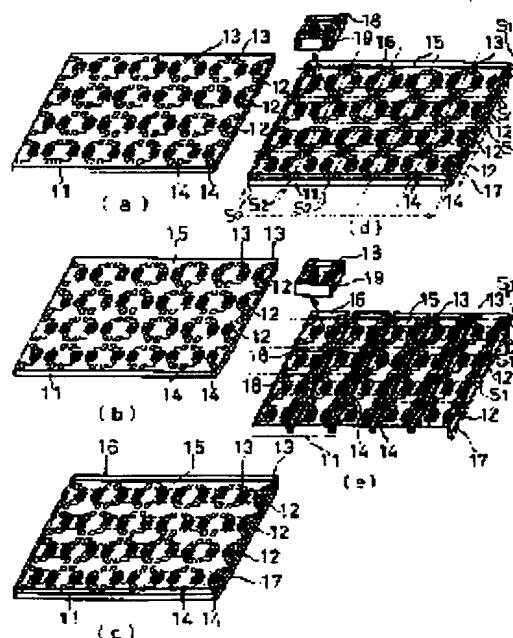
(54) SURFACE ACOUSTIC WAVE DEVICE AND MANUFACTURE THEREFOR

(57)Abstract:

PURPOSE: To provide a surface acoustic wave device which is suitable for a batch processing and mass-production and manufacturing method therefor.

CONSTITUTION: On a piezoelectric substrate 11, a surface acoustic wave element group 12 composed of plural surface acoustic wave elements and take-at electrodes (an input/output terminal 13 and an earth terminal 14) to be connected with each surface acoustic wave element are formed. On the whole surface of the piezoelectric substrate 11 on which the surface acoustic wave element group 12 and the take-out electrodes are formed, the coating of thin film material 15 is performed. The conver material having a recessed part in the part opposite to the

surface acoustic wave propagation area in the acoustic surface wave element is directly joined to the piezoelectric substrate 11 for which the coating of thin film material 15 is performed. After the surface acoustic wave element is segmented into each piece and the take-out electrodes are exposed to an end face, the take-out electrodes exposed to the end face are connected with an external electrode 18.



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